

Appl. No. : 10/624,816  
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### AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A method of treating viral infections comprising applying electrical stimulation to the skin or mucosa of a patient, wherein said electrical stimulation is applied as a series of electrical pulses via first and second electrodes located on a surface of an electrical stimulation device, wherein said first and second electrodes are concentric closed contours configured such that said second electrode defines a boundary that surrounds the first electrode and the first electrode surrounds a non-electrode region, and wherein different pulses in said series have different maximum amplitudes.

2. (Original) The method of Claim 1, wherein said pulses progressively increase or decrease in maximum voltage or current amplitude.

3. (Original) The method of Claim 1, wherein said pulses progressively increase in maximum voltage or current amplitude.

4. (Previously Presented) A method of treating viral infections comprising applying electrical stimulation to the skin or mucosa of a patient, wherein said electrical stimulation is applied as a series of electrical pulses via first and second electrodes located on a surface of an electrical stimulation device, wherein the second electrode is configured to define a boundary that surrounds the first electrode, and wherein different pulses in said series have different maximum amplitudes, wherein at least one of said series of pulses comprises AC waveforms, and wherein at least one of said series of pulses comprises DC waveforms.

5. (Previously Presented) The method of Claim 4, wherein at least one of said series of pulses alternates between AC and DC pulses.

6. (Original) The method of Claim 1, wherein said pulses vary in maximum amplitude from approximately 3 volts to approximately 20 volts.

7. (Previously Presented) A method of treating viral infections comprising applying electrical stimulation to the skin or mucous membranes of a patient, wherein said electrical stimulation is applied as a series of electrical pulses via first and second electrodes located on a surface of an electrical stimulation device, wherein said first and second electrodes are concentric closed contours configured such that said second electrode defines a boundary that surrounds the

**Appl. No.** : 10/624,816  
**Filed** : July 22, 2003

first electrode and the first electrode surrounds a non-electrode region, and wherein different pulses in said series have different frequencies.

8. (Original) The method of Claim 7, wherein said pulses have different maximum amplitudes.

9. (Previously Presented) A method of treating viral infections with an electrical stimulation device, the method comprising applying alternating periods of AC and DC electrical stimulation pulses to the affected skin or mucosa of a patient.

10. (Original) The method of Claim 9, wherein said alternating periods of AC and DC electrical stimulation progressively increase in amplitude.

11. (Original) The method of Claim 9, wherein different periods of AC stimulation have different frequencies.

12. (Original) The method of Claim 9, wherein said frequencies progressively increase or decrease in frequency within one of said AC periods.

13. - 21. (Cancelled)

22. (Previously Presented) A device for treating viral infections comprising:

a housing;

an electrical signal source mounted to said housing, said signal source capable of producing a series of electrical pulses, wherein at least one of said series of pulses comprises AC waveforms and at least one of said series of pulses comprises DC waveforms;

an application surface of said housing for application to a patient's skin or mucous membranes;

first and second electrodes located on the application surface for applying electrical stimulation to the skin or mucosa of a patient, wherein said second electrode is configured to define a boundary that surrounds the first electrode and wherein said electrodes are coupled to said electrical signal source so as to be energized by said electrical signal source; and

a counter mounted to said housing, wherein said counter is configured to display a count of the number of times said electrical signal source has energized said electrodes.

**Appl. No.** : **10/624,816**  
**Filed** : **July 22, 2003**

23. (Previously presented) The device of Claim 22, wherein said counter comprises a multi-segment LCD display.

24. - 28. (Cancelled)

29. (Currently Amended) The ~~apparatus~~ method of Claim 1, wherein said first electrode and said second electrode are in a coaxial configuration.

30. (Currently Amended) The ~~apparatus~~ method of Claim 7, wherein said first electrode and said second electrode are in a coaxial configuration.

31. (Cancelled)

32. (Previously Presented) The apparatus of Claim 22, wherein said first electrode and said second electrode are in a coaxial configuration.